

Converting Colors

$Y_{xy}(17.4970, 0.3229, 0.2920)$

Have a look what the booklet for
Yxy(17.4970, 0.3229, 0.2920)
contains.

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Color

Yxy(17.4610, 0.3225, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	876C81
RGB	135, 108, 129
RGB Percent	53%, 42%, 51%
CMY	0.4705, 0.5765, 0.4941
CMYK	0.00, 0.20, 0.04, 0.47
HSL	313°, 11%, 48%
HSV	313°, 20%, 53%
XYZ	19.3179, 17.4610, 23.1216
YIQ	118.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

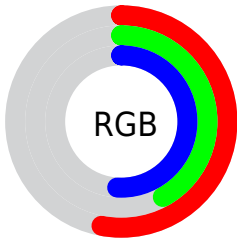
Format	Color
R_{YB}	135, 108, 129
Decimal	8875137
CIE Lab	48.84, 14.51, -7.54
CIE LCh	49, 16.351, 332.559
Yxy	17.4610, 0.3225, 0.2915
Android (android.graphics.Color)	4287065217 (0xFF876C81)
YUV	118.4670, 5.1928, 14.4994
Hunter-Lab	41.7864, 9.3948, -3.5564

Details

The Yxy color **17.4610, 0.3225, 0.2915** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7340, 0.3042, 0.3697**, and the grayscale version is **18.2527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2104, 0.3197, 0.3003**, and **5.7422, 0.3260, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **14.7524, 0.3285, 0.2722**, and if you desaturate by 10%, it is **20.6145, 0.3173, 0.3106**.

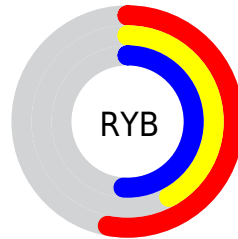
Distribution



Red (53%)

Green (42%)

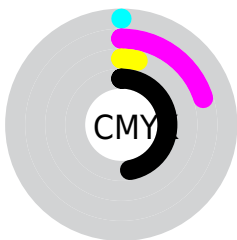
Blue (51%)



Red (53%)

Yellow (42%)

Blue (51%)

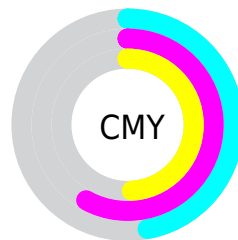


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (47%)



Cyan (47%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4610, 0.3225, 0.2915 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 17.4610, 0.3225, 0.2915 by changing the saturation by 10% instead.


 17.4610, 0.3225,
0.2915


 17.4610, 0.3225,
0.2915


237.8152, 0.3171,
0.3127


 10.5637, 0.3241,
0.2851


 39.1167, 0.3204,
0.2999


 5.7743, 0.3262,
0.2762


 54.6439, 0.3196,
0.3029

 2.7083, 0.3294,
0.2628

 73.8166, 0.3190,
0.3053

 0.9814, 0.3344,
0.2402

 97.0191, 0.3185,
0.3073

 0.0000, 0.3749,
0.0000

124.6358, 0.3181,
0.3090

 0.0000, 0.0000,
0.0000

157.0511, 0.3177,

0.3104

194.6494, 0.3174,
0.3117

■ 17.4610, 0.3225,
0.2915

■ 17.4610, 0.3225,
0.2915

■ 14.7524, 0.3285,
0.2722

■ 20.6145, 0.3173,
0.3106

■ 12.4662, 0.3352,
0.2531

■ 24.2296, 0.3127,
0.3290

■ 10.5812, 0.3427,
0.2351

■ 28.3248, 0.3088,
0.3464

■ 9.0738, 0.3507,
0.2191

■ 32.9171, 0.3055,
0.3628

■ 7.9175, 0.3591,
0.2060

■ 38.0226, 0.3027,
0.3779

7.0827, 0.3678,
0.1965

43.6565, 0.3004,
0.3919

6.5347, 0.3763,
0.1913

49.8337, 0.2984,
0.4048

6.1713, 0.3847,
0.1893

56.5681, 0.2968,
0.4165

63.8736, 0.2954,
0.4273

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4610, 0.2909, 0.2788



17.4610, 0.3225, 0.2915



17.4610, 0.3528, 0.3130

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.4610, 0.3225, 0.2915



17.4610, 0.3598, 0.3815



17.4610, 0.2565, 0.3141

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.4610, 0.3225, 0.2915



21.7340, 0.3042, 0.3697

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.4610, 0.2732, 0.3444



17.4610, 0.3225, 0.2915



17.4610, 0.3325, 0.3850

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.4610, 0.3225, 0.2915



17.4610, 0.3748, 0.3640



17.4610, 0.3008, 0.3713



17.4610, 0.2541, 0.2902

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.4610, 0.3225, 0.2915



17.4610, 0.3675, 0.3302



17.4610, 0.3008, 0.3713



17.4610, 0.2606, 0.3239

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.4618, 0.3225, 0.2915



39.3170, 0.3154, 0.3178



16.0420, 0.2880, 0.2773



9.0254, 0.3157, 0.3168



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4618, 0.3225, 0.2915



28.9714, 0.3251, 0.2827



17.1296, 0.3401, 0.3151



4.7456, 0.3168, 0.3123



5.6918, 0.3844, 0.1891



0.0208, 0.3499, 0.1701

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.4618, 0.3225, 0.2915



28.9714, 0.3251, 0.2827



22.0606, 0.2912, 0.3434



4.7456, 0.3168, 0.3123



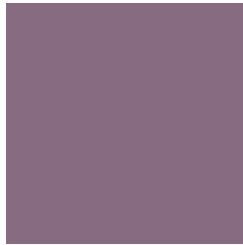
5.6918, 0.3844, 0.1891



0.0208, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 17.4610, 0.3225, 0.2915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.4610, 0.3225, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.4610, 0.3225, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 17.4610, 0.3225, 0.2915.



This preview shows how white text looks on a background with the Yxy color 17.4610, 0.3225, 0.2915.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.4610, 0.3225, 0.2915

Protanopia

17.4934, 0.2886, 0.2927

Deuteranopia

17.5063, 0.3063, 0.3008



Tritanopia

17.5282, 0.3351, 0.3144

Trichromacy



Original Color

17.4610, 0.3225, 0.2915

Protanomaly

17.3192, 0.3004, 0.2916

Deuteranomaly

17.4394, 0.3129, 0.2976

Tritanomaly

17.4108, 0.3300, 0.3054

Monochromacy



Original Color

17.4610, 0.3225, 0.2915

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7249, 0.3160, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4610, 0.3225, 0.2915 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 108, 129)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 108, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 129) }
```

Border

The CSS property to change the border of an element to Yxy 17.4610, 0.3225, 0.2915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 108, 129) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 108, 129) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 108, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 129);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4610, 0.3225, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
108, 129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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